

Fig 1

XACTP007

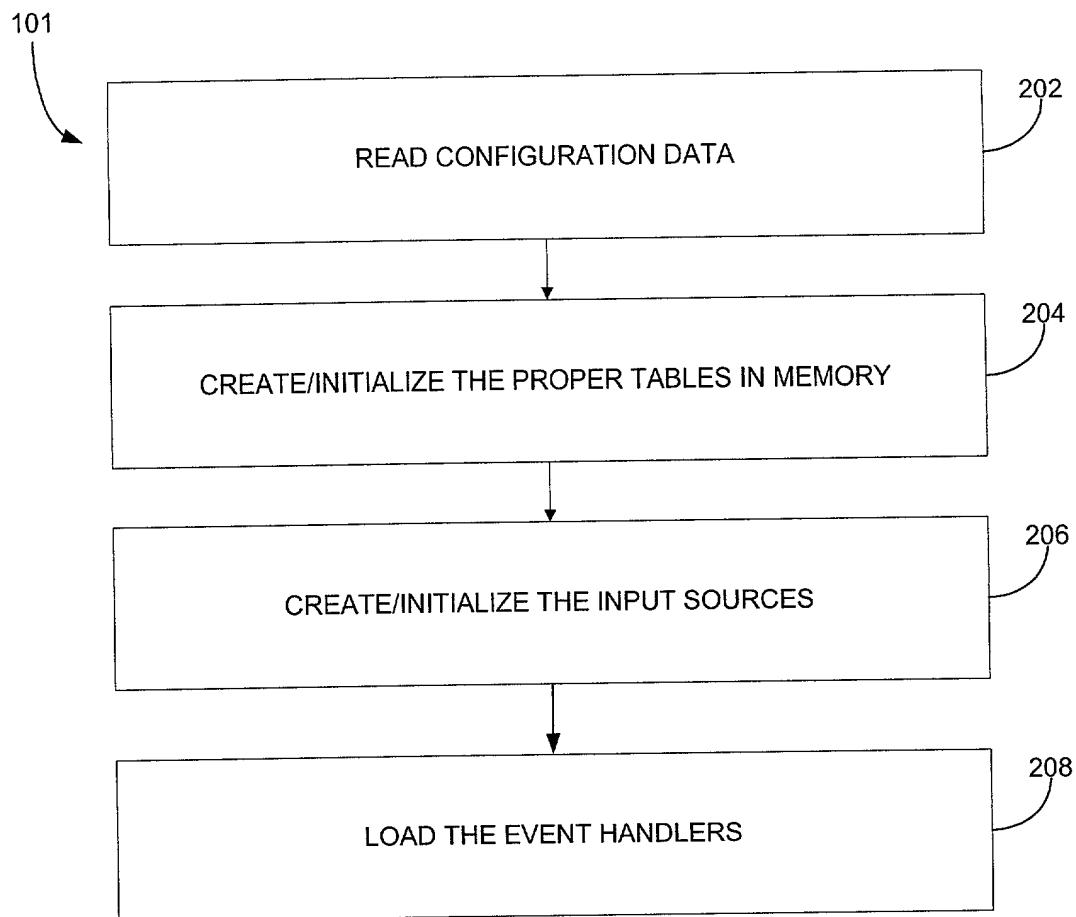


Fig 2

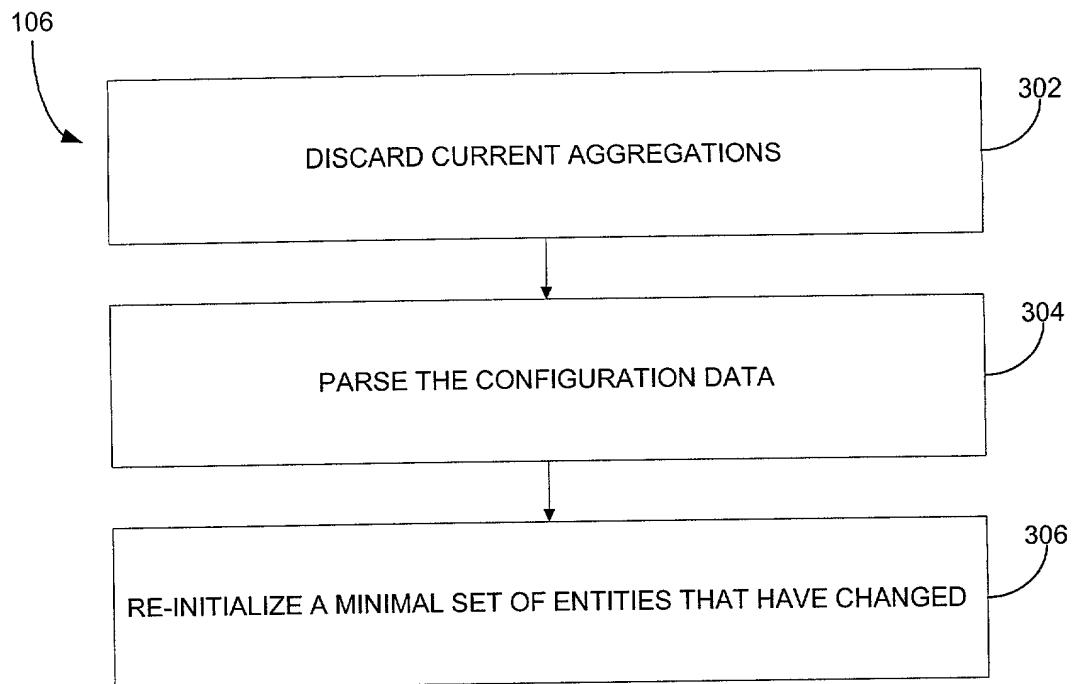


Fig 3

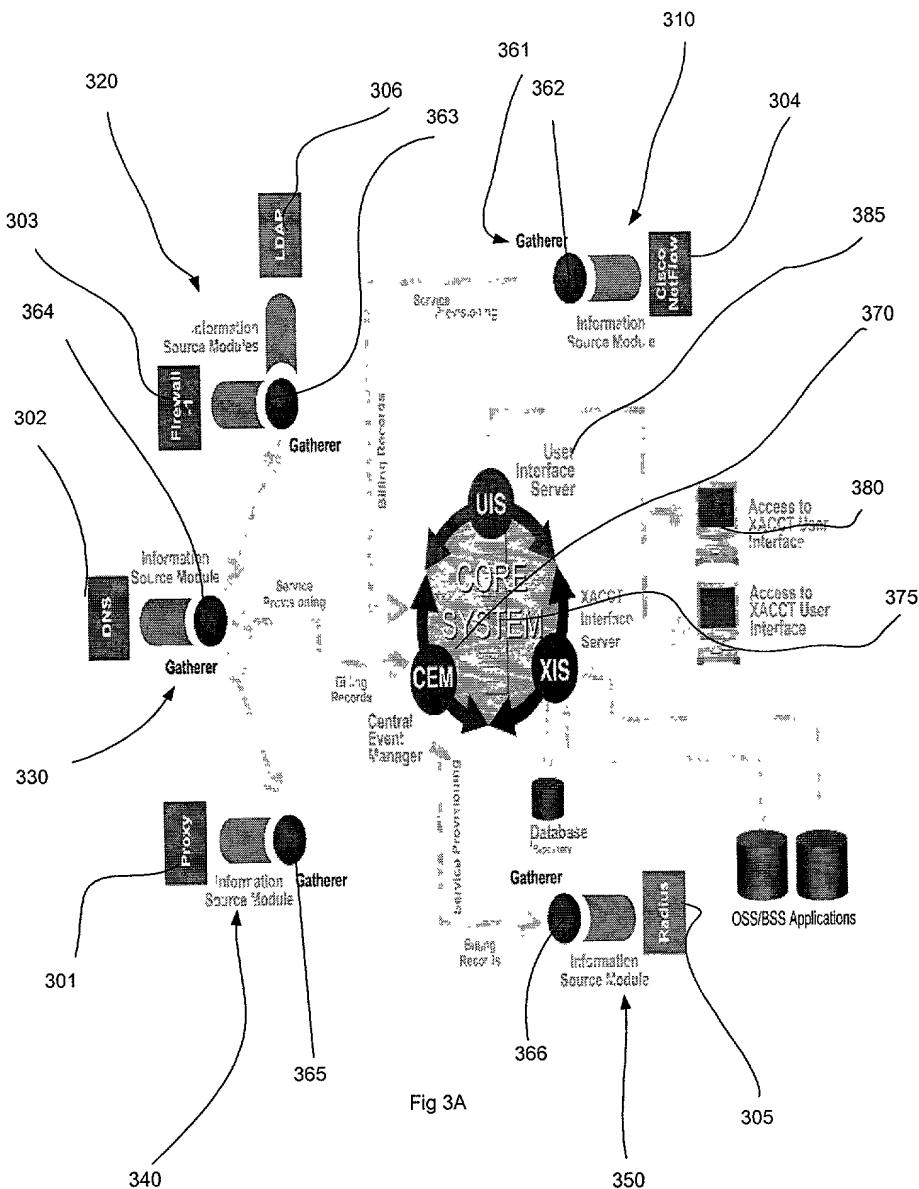


Fig 3A

XACTP007



Operator Type \ Operator Type	Assi gn	Add	Substr act	Multip ly	Divide	Modul o	Left Shift	Right Shift	Add/Substra ct by 1							
=	+	+	-	=	*	*	/	/=	%	%	<	<	>	>	+	--
Boolean	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Int	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Uint	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Long	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ulong	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
String	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Float	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓
Double	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓
IPv4	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
IPv4Net	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
IPv4Range	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Time	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
TimeRange	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

Fig 4



Operator Type	Compare		Greater		Lower		Notes
	==	!=	>	>=	<	<=	
Boolean	✓	✓	✗	✗	✗	✗	
Int	✓	✓	✓	✓	✓	✓	
Uint	✓	✓	✓	✓	✓	✓	
Long	✓	✓	✓	✓	✓	✓	
Ulong	✓	✓	✓	✓	✓	✓	
String	✓	✓	✓	✓	✗	✗	The Greater/Lower comparators are lexical
Float	✓	✓	✓	✓	✓	✓	
Double	✓	✓	✓	✓	✓	✓	
IPv4	✓	✓	✗	✗	✗	✗	
IPv4Net	✓	✓	✗	✗	✗	✗	An IPv4Net is always compared to an IPv4 (i.e.: is the ip in the given range...)
IPv4Range	✓	✓	✗	✗	✗	✗	An IPv4Range is always compared to an IPv4 (i.e.: is the ip in the given range...)
Time	✓	✓	✓	✓	✓	✓	
TimeRange	✓	✓	✗	✗	✗	✗	A TimeRange is always compared to a Time (i.e.: is the ip in the given range...)

Fig 5

600



Operator Type	And		Or		Xor		Ne gat e
	&	&=		=	^	^=	
Boolean	✓	✓	✓	✓	✓	✓	✓
Int	✓	✓	✓	✓	✓	✓	✓
Uint	✓	✓	✓	✓	✓	✓	✓
Long	✓	✓	✓	✓	✓	✓	✓
Ulong	✓	✓	✓	✓	✓	✓	✓
String	✗	✗	✗	✗	✗	✗	✗
Float	✗	✗	✗	✗	✗	✗	✗
Double	✗	✗	✗	✗	✗	✗	✗
IPv4	✗	✗	✗	✗	✗	✗	✗
IPv4Net	✗	✗	✗	✗	✗	✗	✗
IPv4Range	✗	✗	✗	✗	✗	✗	✗
Time	✗	✗	✗	✗	✗	✗	✗
TimeRang e	✗	✗	✗	✗	✗	✗	✗

Fig 6